SOUTH PRODUCTION NOTES

November 6, 2013
Midnight Shift

BASF EMPLOYEES
128 Last Recordable
149 Last Lost Time

Tank 6 / tank rinsed out: Tank is empty.

#1 MED / X 253 Trial done: Completed. Require formal cleaning instructions (Bill Grodecki will provide Wednesday). There is water and oil mixed in green gear box-work order is in.

#1 RC / X 253 Trial done: Completed… Require formal cleaning instructions (Bill Grodecki to provide Wednesday).

Exhaust to Trimer

#2 MED line/ Cu-0860: We are making 11 batches with a different type of Nalco. We will end up with a partial drum of the special Nalco when we have completed the 11th batch. Do not mix with the rest of the regular Nalco. KEEP THESE BAGS SEPARATE FROM THE BAGS WE ARE FEEDING ONTO THE CALCINER. We will wait for instructions from engineer as to what to do with the batches with the special Nalco. DO NOT USE older wet mix with the current batches.
At the completion of the trial we will go back to regular Nalco and feeding that product to the calciner.

Please make sure that you empty the mixer completely before the next batch is mixed.

#2 RC/ Cu-0860: Continue feeding regular batches. Get surface areas and sample per the MOD.

Exhaust to F1

Tank 7 / AMT Solution / D-1795: New Tank has been made. Keep temperatures between 25 and 35 degrees C.

Old Pfaudler D-1795: Continue batches. We are now using three cone buggies and the two blue bins.

#3 MED / D-1795 NAQ: **Continue feeding when material is availabe, get a grab sample to the lab by morning for LOI testing. We are now using three cone buggies and two blue bins.**

#3 RC / D-1795 NAQ: **Continue feeding. Watch the feed rate on this calciner! Many people ar watching this. Sample per the MOD.**

Exhaust to CTO

#4 RC / clean for D-5206: **We have run flush through the calciner. We need to make sure that the drums of flush collected are haz wasted including any material that may have gone into the fines drums. Bill Grodecki will re-inspect #4 calciner Wednesday to ensure ready for D-5206.**

Exhaust to Trimer

PK Blender / 1506: **Continue as manpower permits. We will most likely switch to Al 3917 pill mix in a few days, as we are down to about 15 bags of mix for the Horn machines. More sterotex being made on north end (12-16 bags), should be ready by Thursday. Wednesday we can rinse down the PK and be ready for Al-3917.**

#5 RC / 1506: **Stopped feeding as the reading on the flowmeter in Stage 1 is below the 50 GPM requirement. Work notification written up. Have slowed the screw feeder down to 10 Hz. Watch for any spillage on discharge end.**

Exhaust to Trimer

#6 DRYER - RC / Celenese trial: **Continue feeding the dryer as Celanese trial material is available.The fines screen has been changed out to a 7 mesh.**

Exhaust to Sly Scrubber

New Pfaudler / Celanese Trial: **Working on getting the vacuum pot emptied. We have tested the contents with the dragger as instructed at 11:30 pm and 2:00 am – based on results material wasn't dry. Contacted engineer and put in place plan to empty vacuum pot. Currently taking pot apart to try and empty of additional material. Once completed we will then take another reading of the Pfaudler with dragger and test LOD if result is below 20 ppm. See instructions at the back of the shift notes.**

REMINDER: We will need to look at repacking more of the drums into 113 bags (1000 lbs). 6 drums will fill the bag to approximately 990 lbs….top off to 1000 lbs with the drum at the repack bag station.

National Dryer / Clean for D-5206 : Dryer will need a final inspection by the engineer.

Tower 3 / E-406: Next 10 bags of E-406 are loaded. Continue on.

Tower 6 / Q-VAM next: The third batch of QVAM has been unloaded and the fourth batch has been loaded. Next tower unloading should occur around 8:00 pm Wednesday. Be sure everything is ready (Lots 140-1 and 140-2 are in the warehouse truck at dock #2).

Harrop Kiln - Al-3921 T 3/16": Continue running. Work notification written for one of the blowers on the kiln (#5 blower stopped working). Still operable, but maintenance needs to see Tower operator for more information.
Make sure pills do not mound in the bag (spread them out and they will fill to the 1500 lb level).

North Screener / Cu-0860: Continue screening. ~8 totes to screen.
(Also, 7 totes of E-406 to screen).
South Screener / Cu-0860: Continue on. Tote was taken down and hoist chain reservoir (catch bag) repair was done on 3-11 shift.

#2662 Pill Machine / Al-3917 3/16: Continue on.

#2664 Pill Machine / Al-3917 3/16: Continue on.

HC-11 Tanks / Cu 5020 Strikes: We are tentatively stopping at batch #257 - currently on batch #227 (30 to go). We need to be aware that we are expected to consume all of the contents in Tank 2 (copper nitrate) and the last few batches will need to be made from totes.
SO do not pump any more copper nitrate into Tank 2.

Continue to have constant communication with the North end.

Abbe Blender / D-5206: The lid was put on the blender on 3-11 shift. We can water test it early on 1st shift. We still need to clean the two available bottom unloading buggies. We should do this in building 9 with the sump locked out and get a sample of it before discharging anything to wastewater. We need to evaluate as to wether we should be using

cone totes to load into the national dryer buggy. We also need to check and stage raws/HF, inspect HF kits, make sure hoist/pumps working and ready).

Tunnel Kiln #2 / Set up for Al-3921: **Per follow-up from Tim at Superior, maintenance inspection of exhaust blower completed and it now should be OK to use. Need to determine when to try re-lighting.**

QVAM COVERAGE PRIORITY:

Make sure we have sufficient coverage at towers before and after QVAM tower loads. This includes preparing drums and liners, labels, staging raws from the dock trucks in the warehouse or the prescious metals cage, and weighing/leveling of filled drums.

Priorities 1 through 11 are basically all the same priority, should be considered urgent and will require call outs for maint issues.

1) Cu-5020 - HC-11
2) D-1794 NAQ - #3 MED/#3 RC then onto D-1795 NAQ including east pfaudler as prioritized equipment
3) Cu-0860 E 1/16 3F - #2 MED/#2 RC
4) X-253 - #1 MED/#1 RC
5) D-5202 - #6RC
6) 1506 - #5RC
7) Reduction Towers
8) Al-3917 T 3/16 - Horne Tabletting
9) Al-3921 T 3/16 - Harrop Kiln
10) D-0222 E 1/20 - #4 RC
11) Al-3917 Pill Mix/1506 - PK Blender to supply Al pill mix to Hornes (finish running out current sterotex then go back in 1506 impregs) and 1506 to #5RC

Here is the plan for Celanese tonight:

-Turn off steam and stop Pfaudler rotating at 11:30pm and check for LOD and acetic acid content. I left the Drager tube setup with Mike Vanderbosch and showed him how to use it, it is very simple. Here's a quick rundown on how to use:

-Take an acetic acid tube(purple contents) and use the black cylindrical tool inside to break off both ends. Just lightly push each tip in the tool and twist back and forth and the end should break off easily

-Stick the tube into the top of the Drager tool with the arrow pointed TOWARDS the tool

-Once ready to test LOD, open the butterfly valve with the vacuum OFF, and hold the Drager tube above the valve. Squeeze it like an accordion THREE times, the white light will disappear and reappear when you have successfully squeezed it.

-After 3 squeezes, some of the purple tube will have turned white/yellow, meaning it has reacted with the acetic acid vapors. The scale on the side of the tube is in ppm. If we are above 20, close it up and dry for an hour longer. If we are below, grab a sample and test for LOD.

-If LOD is below 38%, unload into clean CEHW-1130A buggies and feed to #6 dryer(after fines screen has been changed, see below)

-Once Pfaudler is unloaded, we need to open it up and replace the single plastic nozzle inside with the two **metal** ones sitting on Ray's desk labeled for New Pfaudler. We are getting poor spray coverage and need to put both nozzles in. Make sure both nozzles are pointed downwards and then RTV lid shut.

-Continue to feed dryer #6 until all the remaining buggies are empty. There is one full one by the dryer on the 2nd floor of HC-11 and one underneath the west Pfaudler on the 2nd floor

-Once all the material is through the calciner, shut down the screener and change the fines screen from a 12 mesh to a 7 mesh screen. 12 is too small for our material

-Have another pallet of cobalt acetate and the remaining bags of the base up on the 3rd floor for tomorrow's batches. We will need to repack additional material tomorrow sometime also.

Thanks and please call with ANY questions, whatever time it might be. THanks